

FIG. 1A

100

102

106

104

110

112

114

115

116

122

124

126

130

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+X

-X

+Y

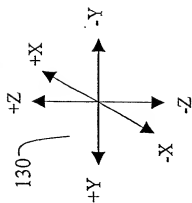
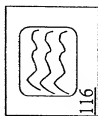
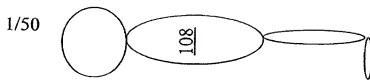
-Y

+Z

-Z

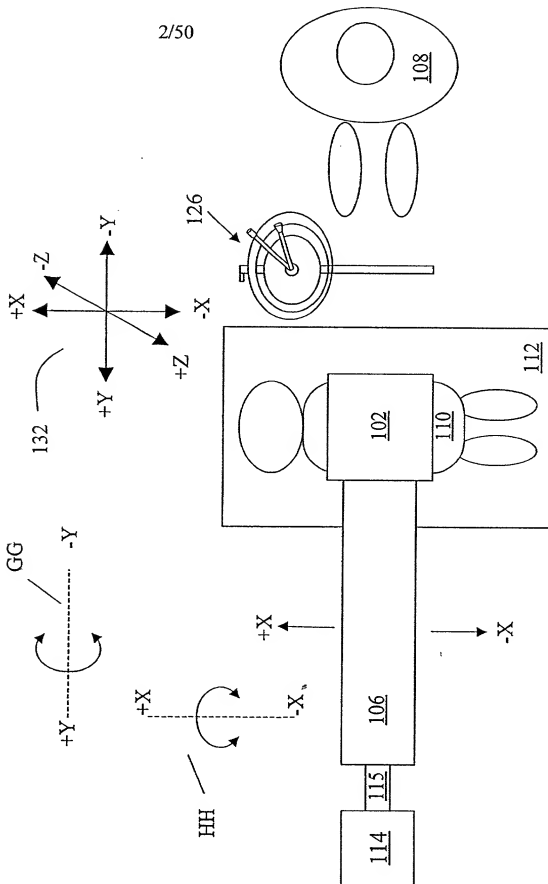
HH

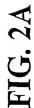
GG

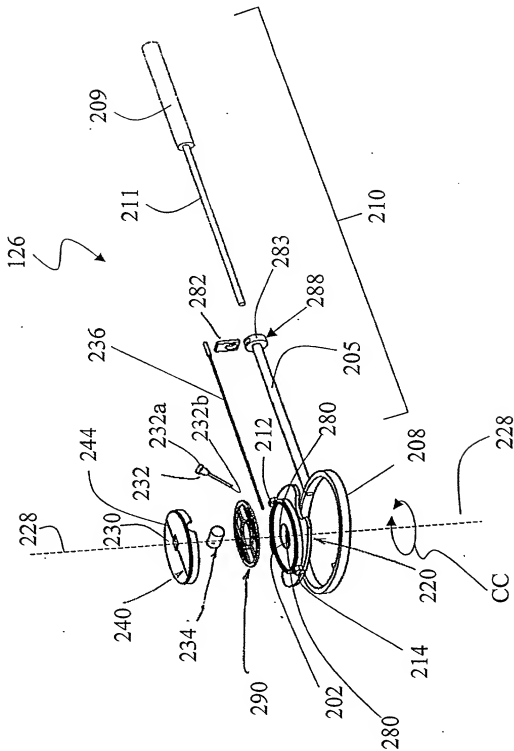


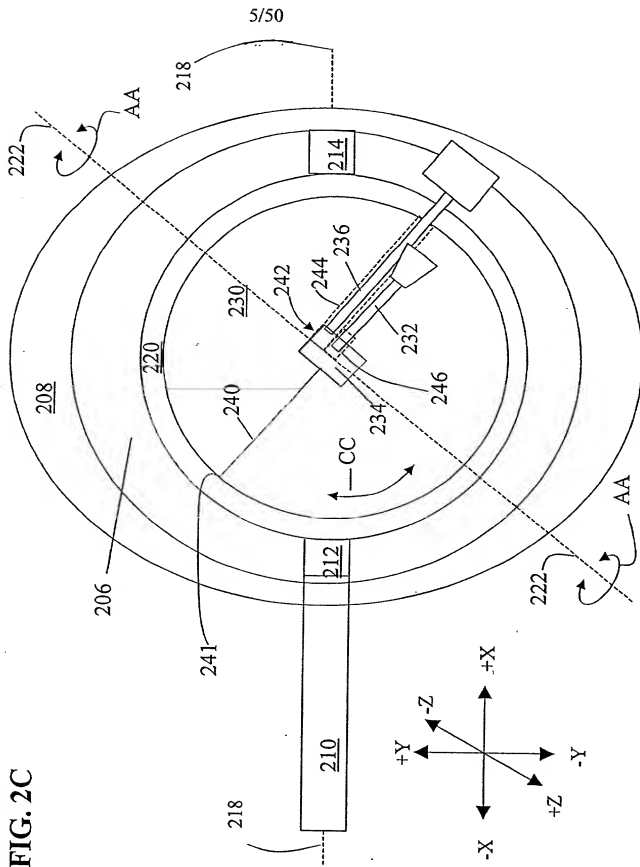
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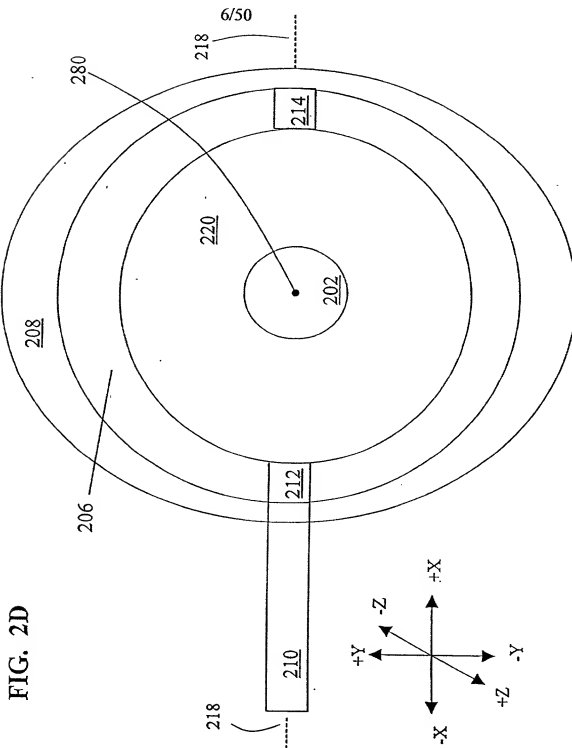
FIG. 1B





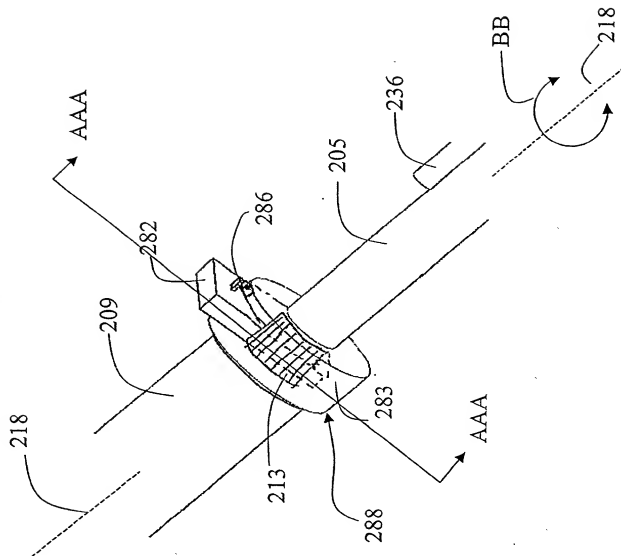






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FIG. 2E



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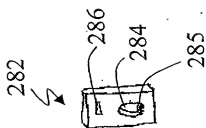
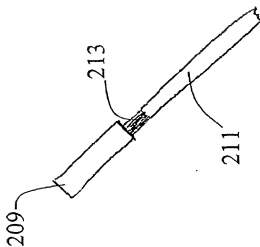


FIG. 2G

FIG. 2F



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FIG. 2I

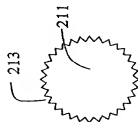
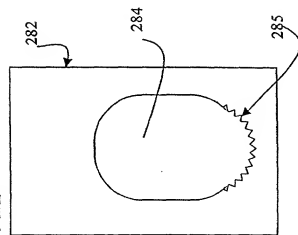
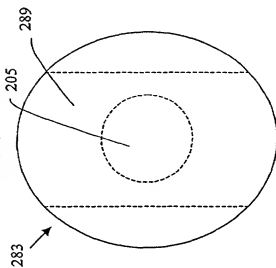


FIG. 2H



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FIG. 2K

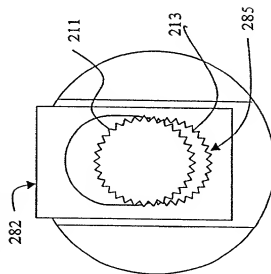
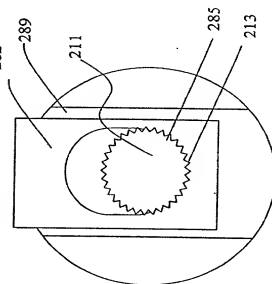


FIG. 2J



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FIG. 2L

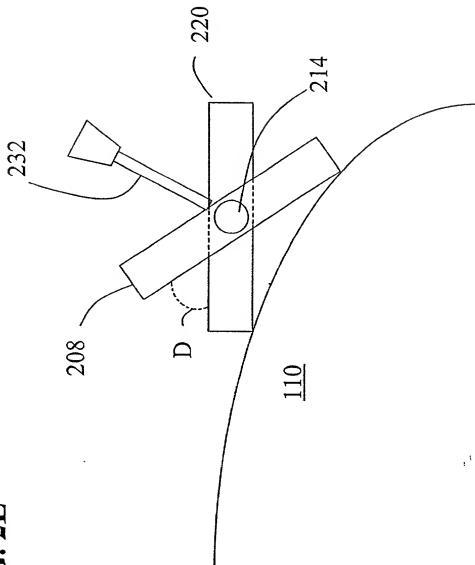
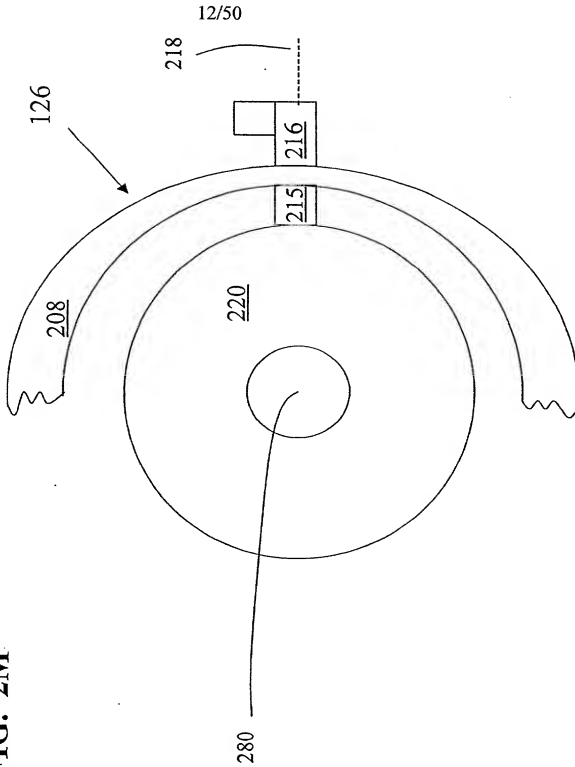



FIG. 2M



Express M
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$+Z$

$-Z$

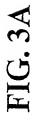


FIG. 3A

FIG. 3B is a cross-sectional view of a mechanical assembly. A central shaft 236 is supported by bearings 242 and 247. A motor 326 at the top drives the shaft via a pulley 328 and a belt 232. A lever 234 is pivoted on the shaft and has a weight 244. A spring 248 is connected to the lever. A cross-section 218 is indicated.

FIG. 3D

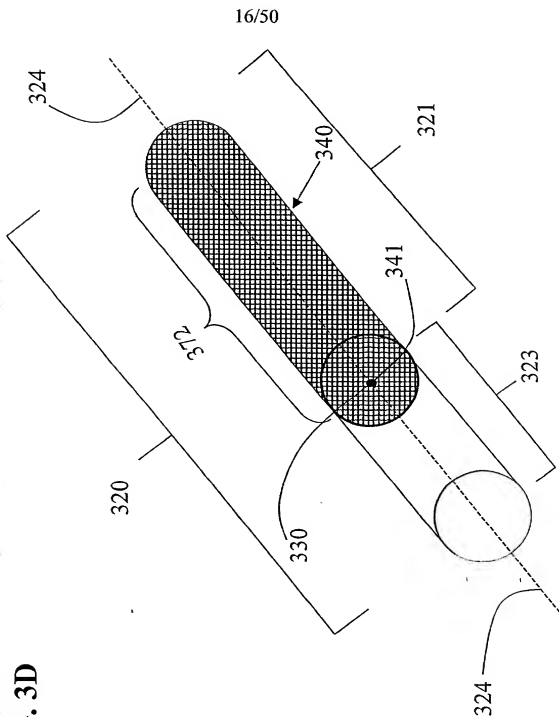


FIG. 4A

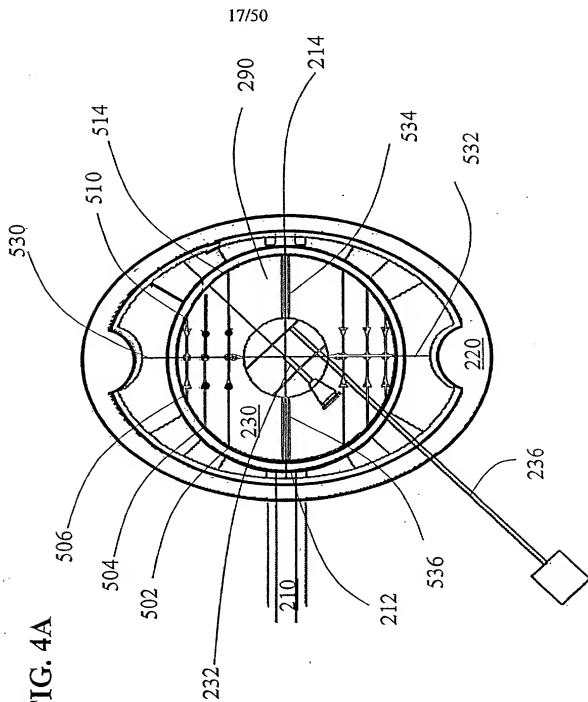
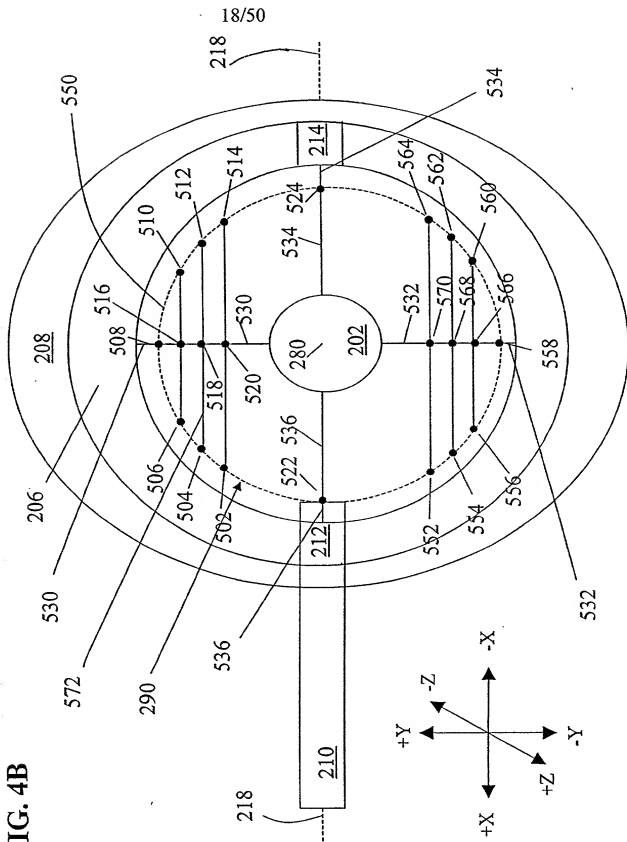


FIG. 4B



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FIG. 4C

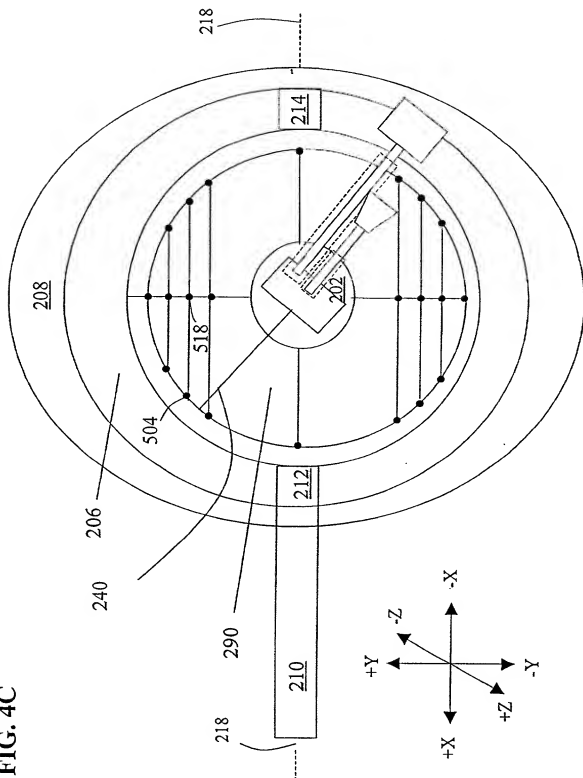
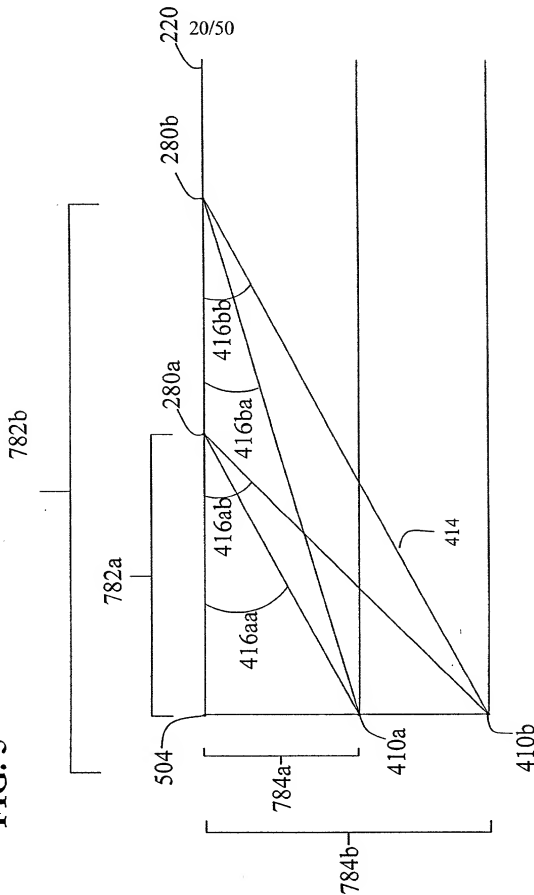


FIG. 5





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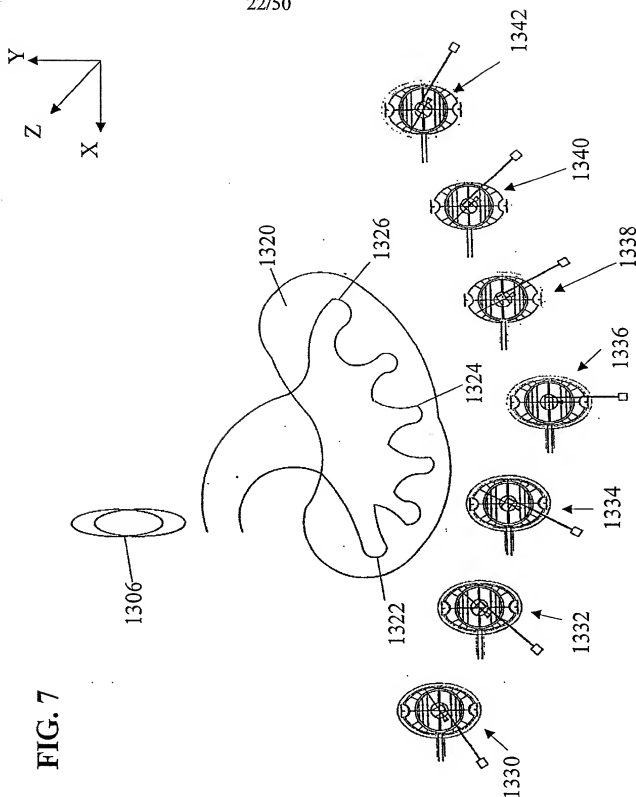


FIG. 8B

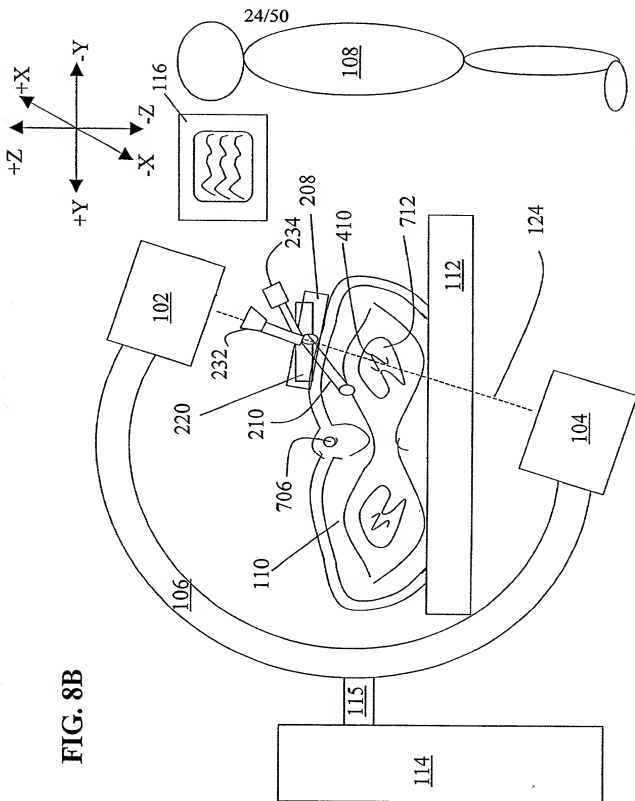
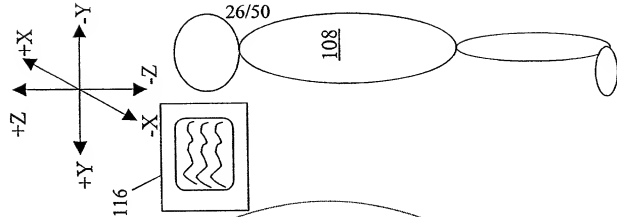


FIG. 9A



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FIG. 10A

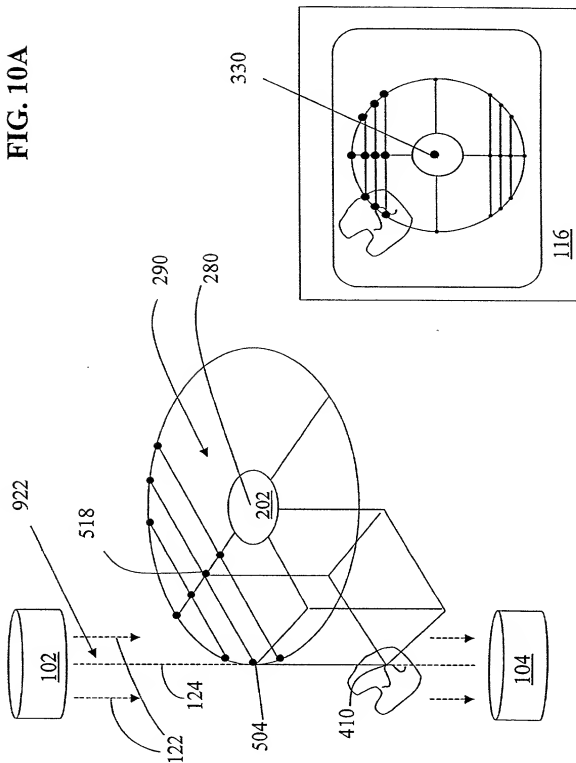
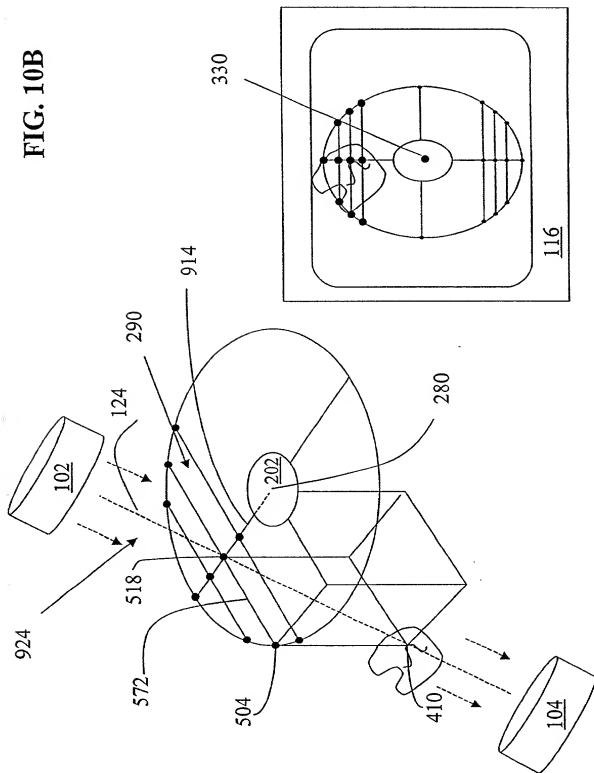
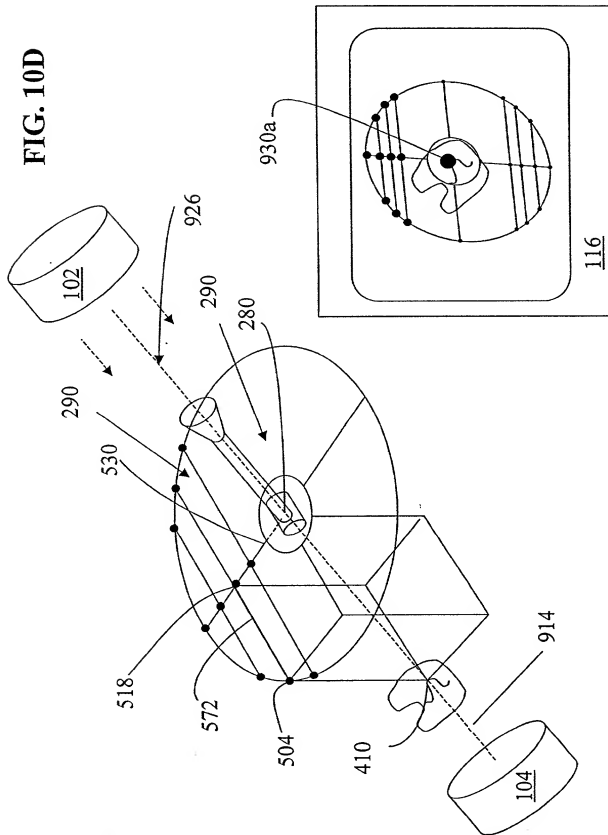


FIG. 10B



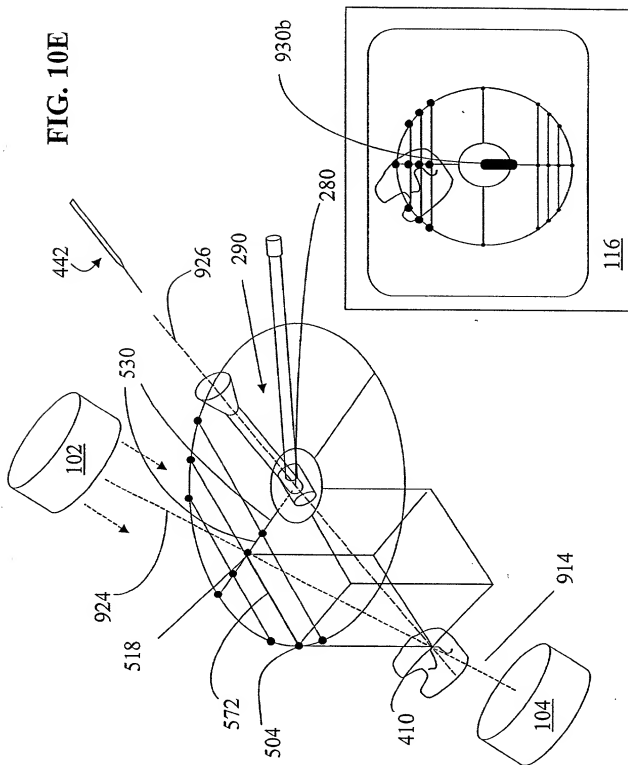
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FIG. 10D



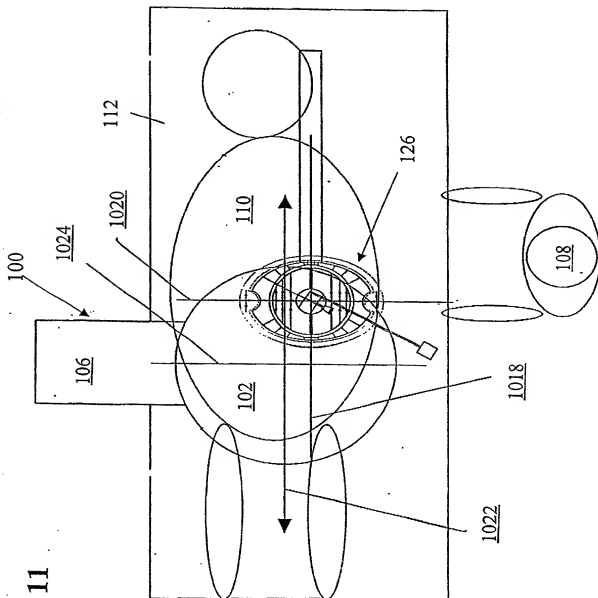
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FIG. 10E



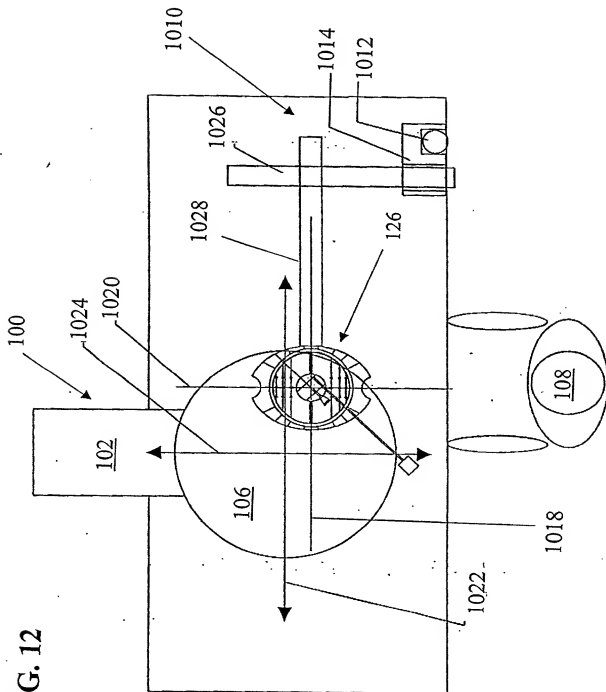
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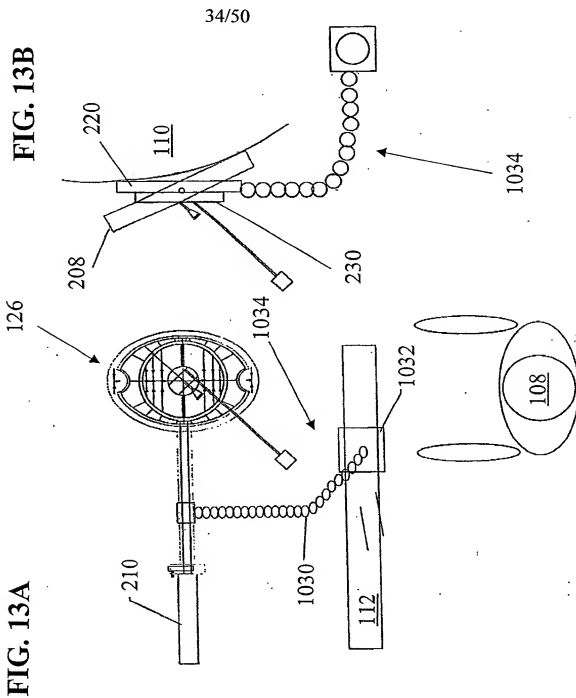
FIG. 11

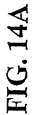


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FIG. 12







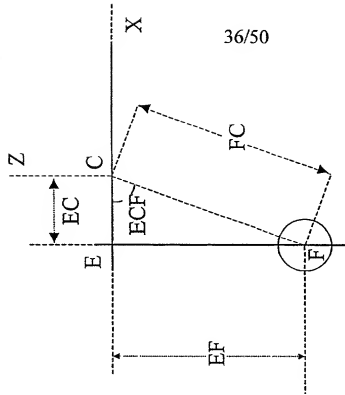


FIG. 14C

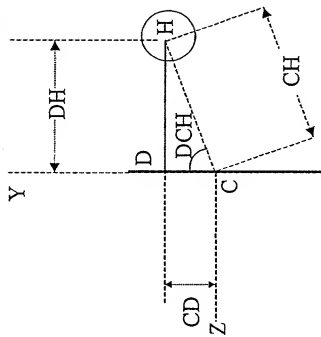


FIG. 14B

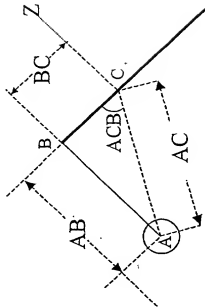
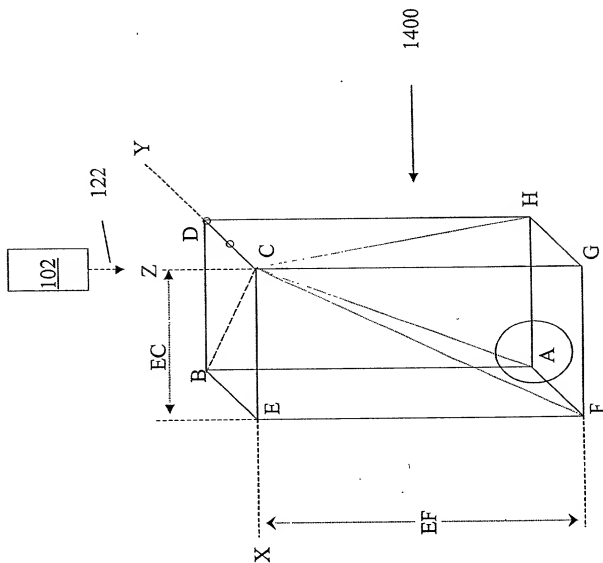


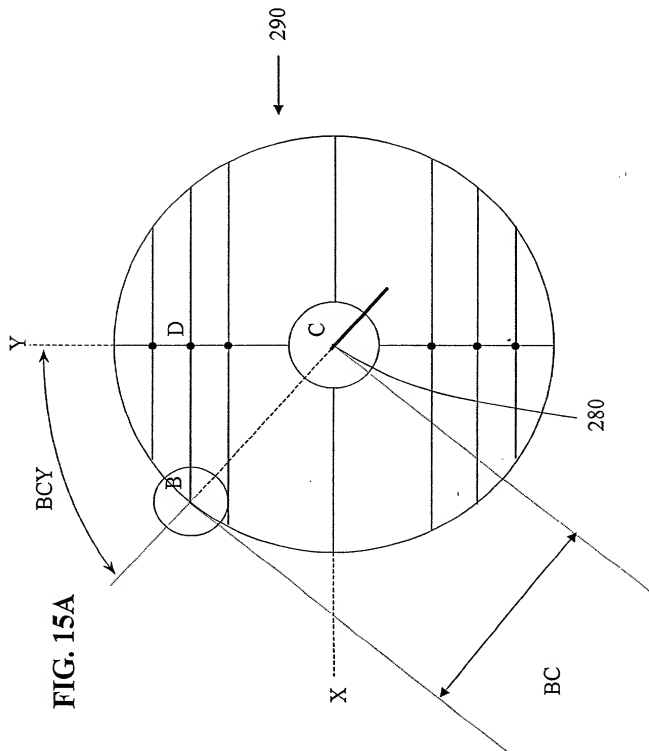
FIG. 14D

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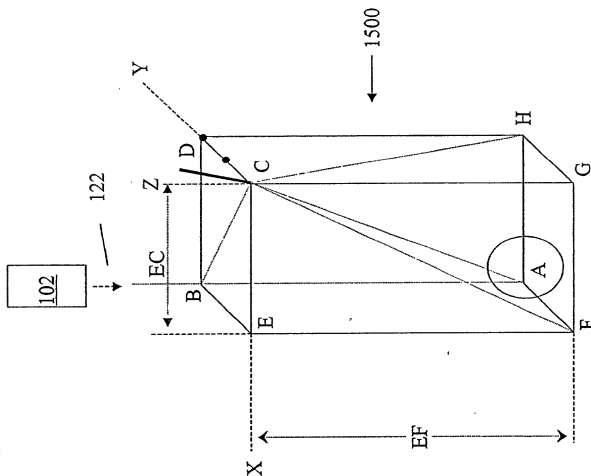
FIG. 14E



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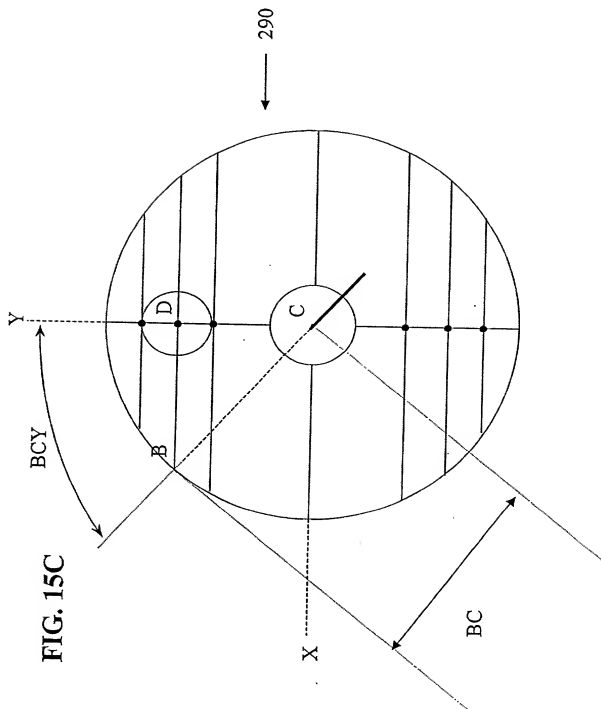


FIG. 15C

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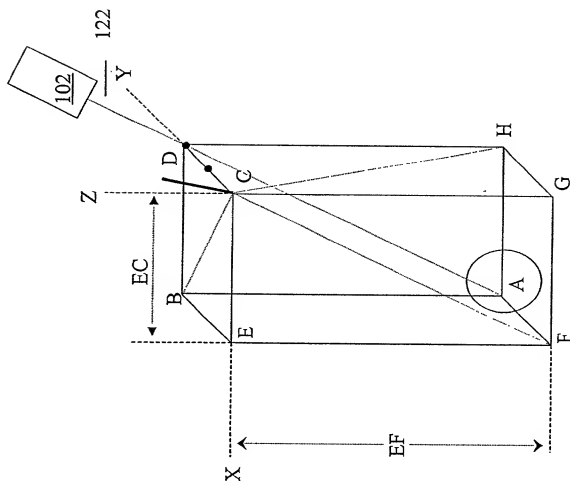
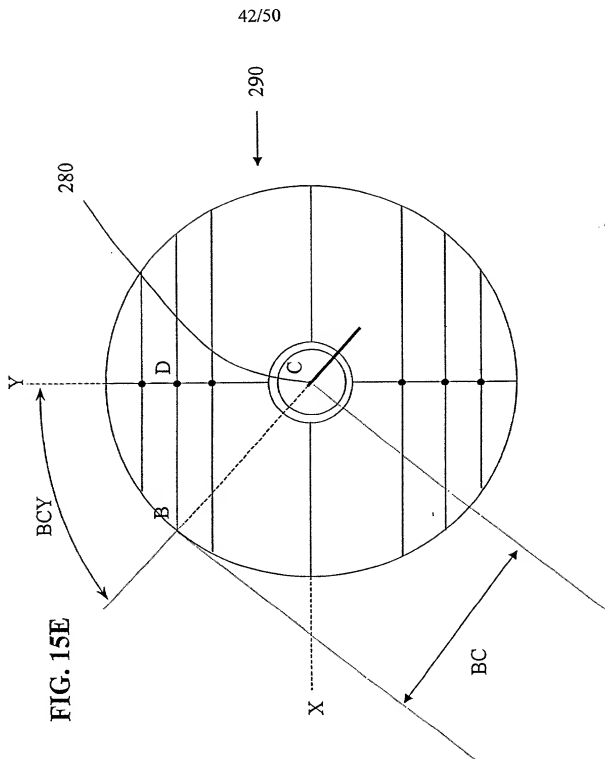
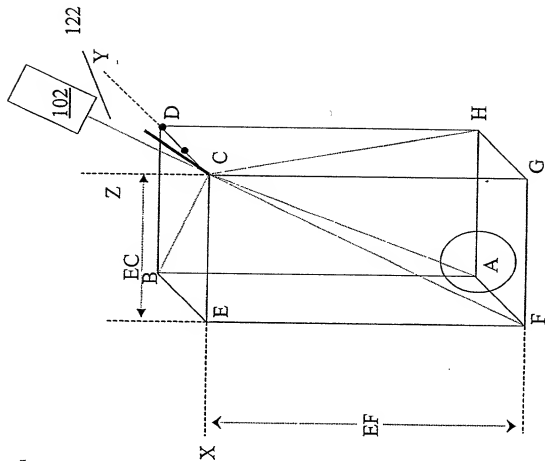


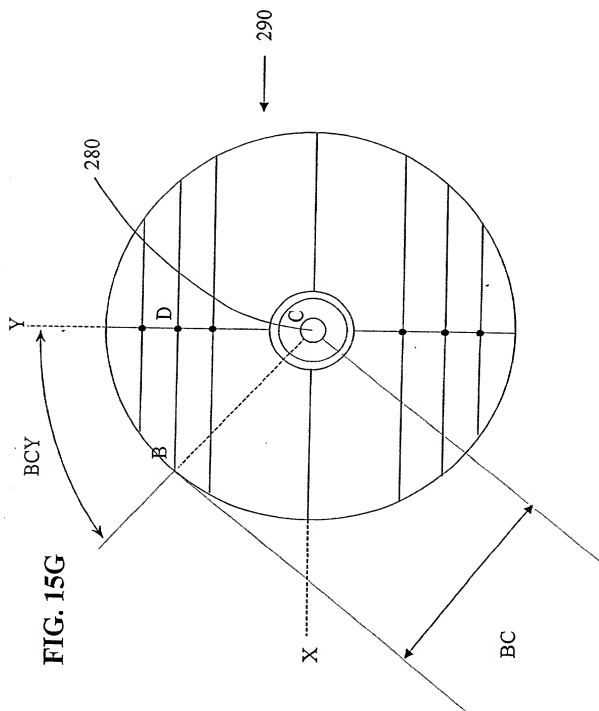
FIG. 15D

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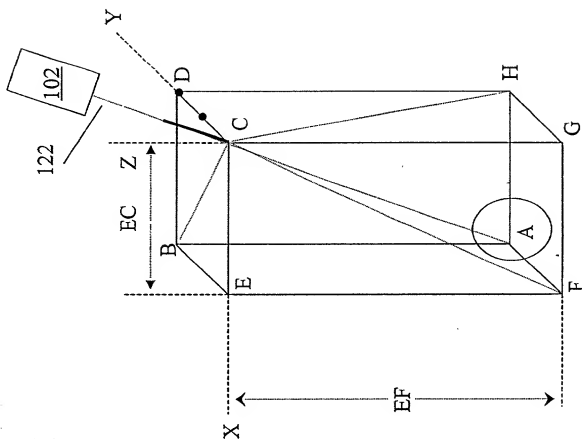


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FIG. 15H



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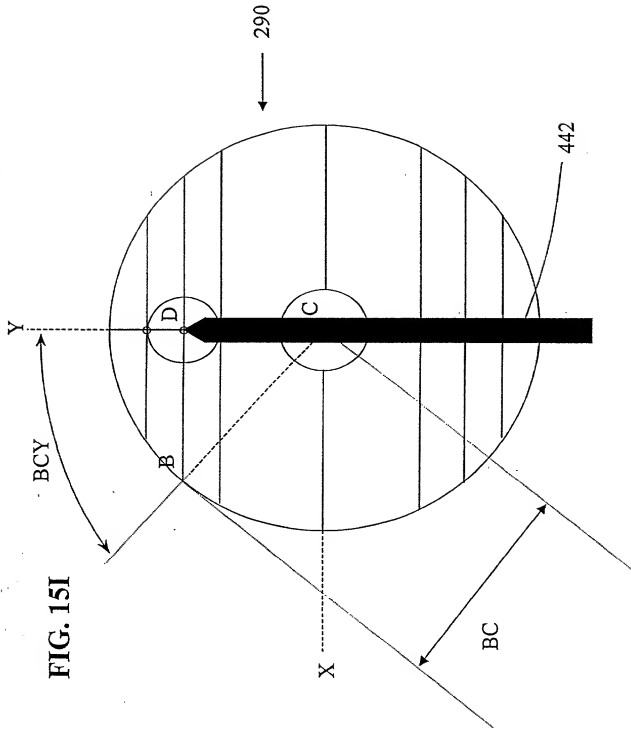
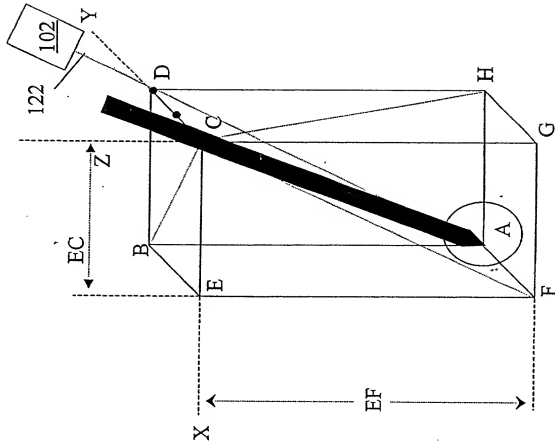
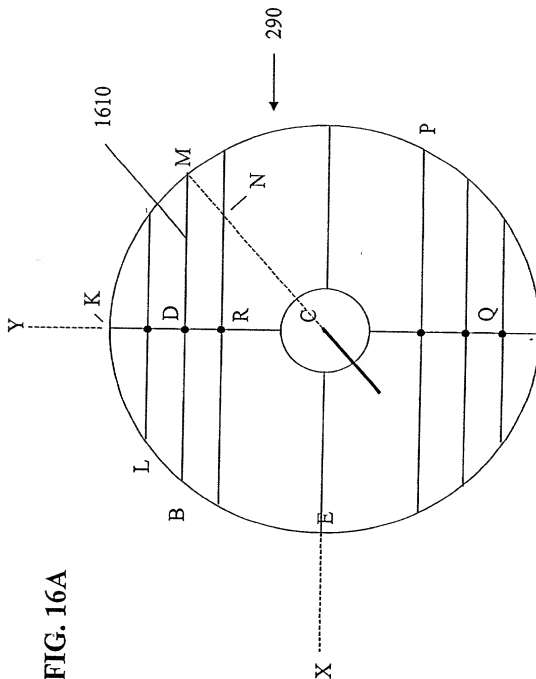
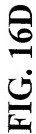
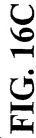


FIG. 15J



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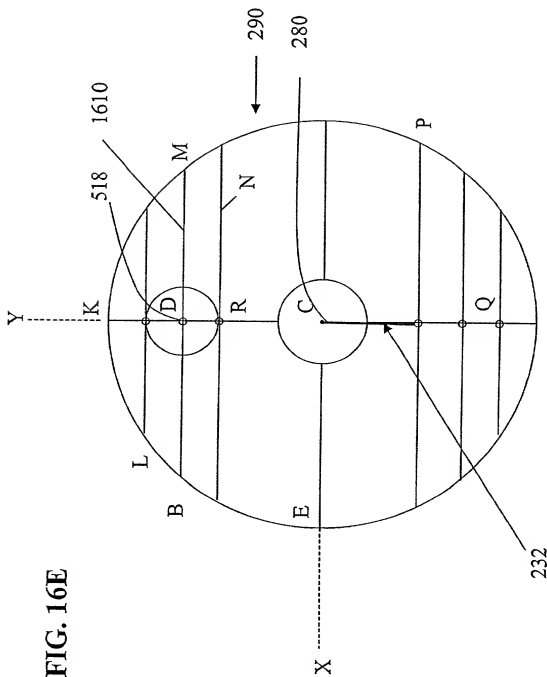


FIG. 16E